I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 323772425 US, in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: June 27, 2003

Signature: Xichaul amme

(Richard Zimmermann)



PTO/SB/17 (01-03)
Approved for use through 04/30/2003. OMB 0651-0032
Iformation unless it displays a valid OMB control number.

		Complete if Known								
FEE TRANSMITTAL							To Be Determined			
	Filing Date				June 27, 2003 (Herewith)					
for FY 2003	ľ	First Named Inventor				Alvin J. Borthwick				
Patent fees are subject to annual revision.		Examiner Name				To Be Determined				
Applicant claims small entity status. See 37 CFR 1.27							To Be Determined			
		Attorney Docket No. 28594/39468								
METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (co					ntinued)				
X Check Credit Money Order Other None	3. ADDITIONAL FEES									
Deposit Account										
Deposit 42 2055	Large Entity Small Entity									
Account 13-2855 Number	Fee Code	Fee (\$)	Fee Code	Fee (\$)		Fee Desc	ription	Fee Paid		
Deposit MARSHALL, GERSTEIN &	1051	130	2051	65	Surcharge -	- late filing fe	e or oath			
Account Name BORUN	1052	50	2052	25	-	_	nal filing fee or cover			
The Commissioner is hereby authorized to: (check all that apply)	1032	30	2002	. 23	sheet.					
Charge fee(s) indicated below X Credit any overpayments	1053	130	1053	130	Non-English	specification	ו			
X Charge any additional fee(s) during the pendency of this application	1812	2,520	1812	2,520	For filing a re	equest for ex p	arte reexamination			
Charge fee(s) indicated below, except for the filing fee	1804	920*	1804	920*	Requesting Examiner as		f SIR prior to			
to the above-identified deposit account.	1805	805 1 840* 1805 1 840* Requesting			publication of SIR after					
FEE CALCULATION	1251	110	2251		Examiner ad	ction or reply within				
1. BASIC FILING FEE	1252	410	2252				second month			
Large Entity Small Entity	1253	930	2253	465		r reply within				
Fee Fee Fee Fee Description Fee Paid	1254	1,450	2254	725	Extension fo	or reply within	fourth month			
Code (\$) Code (\$) Fee Pald  1001 750 2001 375 Utility filing fee 750.00	1255	1,970	2255	985	Extension fo	or reply within	fifth month			
1002 330 2002 165 Design filing fee	1401	320	2401	160	Notice of Ap	peal				
1003 520 2003 260 Plant filing fee	1402	320	2402	160	Filing a brief	f in support o	f an appeal			
1004 750 2004 375 Reissue filing fee	1403	280	2403		-	oral hearing				
1005 160 2005 80 Provisional filing fee	1451 1452	1,510	1451			· ·	lic use proceeding			
SUBTOTAL (1) (\$) 750.00		110 1,300	2452 2453			Petition to revive – unavoidable Petition to revive - unintentional				
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1453 1501	1,300	2501			fee (or reissu				
Extra Fee from	1502	470	2502		Design issu	-	,			
Claims below Fee Paid  Total Claims 46 -20** = 26 x 18.00 = 468.00	1503	630	2503		Plant issue					
Independent 3 -3** = 0 × 84.00 = 00	1460	130	1460			the Commiss	sioner			
Claims  Multiple Dependent  280.00 = 280.00	1807	50	1807	50	Processing	fee under 37	CFR 1.17(q)			
Large Entity Small Entity	1806	180	1806	180	Submission	of Information	n Disclosure Stmt			
Fee Fee Fee Fee Fee Description	8021	40	8021	40	Recording e	ach patent a	ssignment per			
Code (\$) Code (\$)							of properties) final rejection			
1201 84 2201 42 Independent claims in excess of 3	1809	750	2809	375	(37 ČFR 1.1	129(a))		<u>                                     </u>		
1203 280 2203 140 Multiple dependent claim, if not paid	1810	750	2810	375		Iditional inver 37CFR 1.129				
1204 84 2204 42 ** Reissue independent claims	1801	750	2801	375	•		xamination (RCE)			
over original patent  1205 18 2205 9 ** Reissue claims in excess of 20	1802	900	1802	900	Request for of a design	expedited ex application	kamination	L		
			Other fee (specify)							
SUBTOTAL (2) (\$) 748.00	*Redu	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.00								
**or number previously paid, if greater, For Reissues, see above										
SUBMITTED BY					Complete (if applicable)					
Name (Print/Type) William J. Kramer		Registration No. (Attorney/Agent) 46,229				Telephone (312) 474-6300				
Signature W/Riamu	_					Date	June 27, 2003			
						1				

I hereby certify that this corre	spondence is being deposited wit	th the U.S. Postal Service as Ex	press Mail, Airbill No. EV 323772425 US,
in an envelope addressed to:	Mail Stop Patent Application, Co	mmissioner for Patents, P.O. B	ox 1450, Alexandria, VA 22313-1450, on
the date shown below.		<i>                                     </i>	
D-4-d- t 07, 2002	Simple William I	<u></u>	ox 1450, Alexandria, VA 22313-1450, on

Signature: Kuhau timmermann) (Richard Zimmermann)